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TI (Diaryl amino)furan analogues with improved stability, useful pharmaceutical intermediates and electron hole transport or photosensitive materials.
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AB JP2000319272 A UPAB: 20010421
NOVELTY - New (diaryl amino)furan analogues useful as pharmaceutical intermediates and electron hole transport or photosensitive materials are presented.

DETAILED DESCRIPTION - (Diaryl amino)furan analogues of formula (I) are prepared.

$l = 0$ or 1 ;

$m = 0-2$;

$n = 1-3$;

Ar_1, Ar_2 = optionally substituted 6-30C aryl with the proviso both Ar_1 and Ar_2 are not 4'-methylbiphenyl or phenyl having an N atom at position 4; and

R = phenyl or 1-20C alkyl.

USE - The (diaryl amino)furan analogues are useful intermediates to pharmaceuticals and electron hole transport materials for organic electroluminescence elements or photosensitive materials for electron photography.

ADVANTAGE - The agents possess improved stability by introducing naphthyl, fluorenyl, or biphenyl groups as the aryl group.

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